Lighting

PHILIPS



MASTERColour CDM-TC

MASTERC CDM-TC 70W/830 G8.5 1CT/12

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- \cdot The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- \cdot Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information		Color rendering index (CRI)	83
Cap-Base	G8.5 [G8.5]		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
lux measurement reference	Sphere	Power Consumption	73.2 W
Life to 50% Failures (Nom)	12,000 hour(s)	Voltage (Nom)	83 V
		Voltage (Nom)	83 V
Light Technical			
Color Code	830 [CCT of 3000K]	Controls and Dimming	
uminous Flux	6,300 lumen	Dimmable	No
olor Designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.434	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.398	Bulb Finish	Clear
Correlated Color Temperature (Nom)	3000 K	Bulb Material	UV-Block Quartz
Luminous Efficacy (rated) (Nom)	86 lm/W		

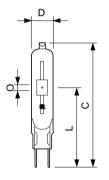
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Bulb Shape	T14 [T 14 mm]
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	4.6 mg
Mercury (Hg) Content (Nom)	4.6 mg
Energy Consumption kWh/1000 h	74 kWh
EPREL Registration Number	473344
Product Data	
Full product code	871150020167615

Order product name	MASTERC CDM-TC 70W/830 G8.5 1CT/12
Order code	928086505131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928086505131
Full product name	MASTERC CDM-TC 70W/830 G8.5 1CT/12
EAN/UPC - Case	8711500201683
EAN/UPC - Product/Case	8711500201676

Dimensional drawing



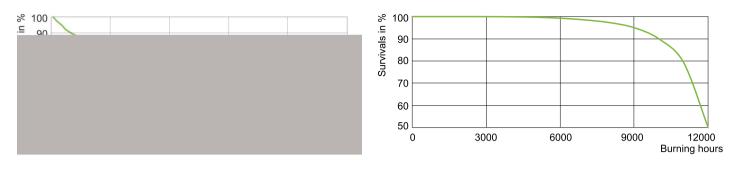
Product D (max) D O L (max) L (max) C (max) MASTERC CDM-TC 15 mm 0.5 inch 7 mm 51 mm 52 mm 85 mm OW/8300 G8.5 1CT/12 5 mm 5 mm</t

Photometric data

	300
Light Distribution Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12	Spectral Power Distribution Colour - MASTERC CDM-TC 70W/830 G8.5 1CT/12

MASTERColour CDM-TC

Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12

Life Expectancy Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12



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